



# CITY OF LONG BEACH

DEPARTMENT OF PUBLIC WORKS – AIRPORT BUREAU

4100 Donald Douglas Drive ! LONG BEACH, CA 90808 ! (562) 5702600 FAX (562) 570-2601

November 9, 2005

**Re: Notice of Intent to Amend the Approved Passenger Facility Charge No. 03-02-C-00-LGB and File New Passenger Facility Charge Application No. 05-03-C-00-LGB at Long Beach Airport**

**Public comment to this PFC proposal must be received by December 15, 2005 and may be addressed to:**

By Email: [lgbart@longbeach.gov](mailto:lgbart@longbeach.gov)

By U.S. Mail: Administrative Officer  
Long Beach Airport  
4100 E. Donald Douglas Drive  
Long Beach, CA 90808

## Background

In April 2003, the FAA approved the rehabilitation of existing infrastructure to preserve and enhance safety and security at the Airport. The following projects, which are classified into five project categories, were specifically identified and approved by the FAA for PFC funding.

- 1. Airfield Pavement Rehabilitation Runway 12/30**
  - Runway 12/30 Rehabilitation
  - Taxiways D, A, B, and L3 Rehabilitation
  - Perimeter Road at Southeast End of Runway 12/30 Relocation
  - Airfield Light Control and Monitoring System (ALCMS) Installation
- 2. Airfield Pavement Additional Projects**
  - Taxiways D, F & B, J, C and Taxilane J Rehabilitation (portions)
  - Islands Between Air Carrier Ramp and Taxiway C Pavement
  - Concrete Pads at Terminal Apron Construction
  - Safety Area Stabilization
  - Extension of Taxiway J2 Construction
  - Access Road (East Side) Rehabilitation
- 3. Airport Security – Security System Upgrade**
  - Security Access Control and Monitoring Systems Upgrade and Safety Office Reconfiguration
- 4. Terminal Area Improvements**
  - Terminal Signs and Signals Installation
  - Flight Information Display System (FIDS) Installation

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## **5. Aircraft Rescue and Firefighting**

- Aircraft Rescue Firefighting (ARFF) and Rapid Response Firefighting vehicles Acquisition

Funding sources for the development of these projects include:

- PFCs on a pay-as-you-go basis
- AIP grants (discretionary and entitlement)
- Department of Homeland Security (DHS) grants, and
- Local funds

Many of the projects in the City's PFC program have been completed, or are currently under construction, including the following:

- Runway 12/30 Rehabilitation
- ALCMS Installation
- Perimeter Road at Southeast End of Runway 12/30 Relocation
- Portions of Taxiways D, F & B Rehabilitation
- Security Access Control and Monitoring Systems Upgrade and Safety Office Reconfiguration
- Flight Information Display System (FIDS) Installation
- Aircraft Rescue and Firefighting Vehicle Acquisition

The costs and scope of several projects have changed, and the City intends to expend PFC funds on projects in a slightly different manner to that approved by the FAA in its Final Agency Decision regarding PFC Application No. 03-02-C-00-LGB, dated April 28, 2003. Additionally, the City intends to issue bonds to finance certain PFC projects and use its Commercial Paper (CP) program to allow the City to implement needed PFC projects in advance of PFC revenue availability.

### **PFC Approval No. 03-02-C-00-LGB**

On April 28, 2003, the FAA approved PFC application No. 03-02-C-00-LGB in which the Airport could levy \$3.00 per eligible enplaned passenger as of August 1, 2003. The City received approval to collect \$30,306,984 on an Impose and Use basis to apply to the previously identified five project categories: (1) Airfield Pavement Rehabilitation for Runway 12/30, (2) Airfield Pavement Additional Projects, (3) Airport Security, (4) Terminal Area Improvements, and (5) Aircraft Rescue and Firefighting Vehicles.

As of September 30, 2005, the City has collected a total of \$9,203,950 in PFC revenue (including accruals and interest income on PFC cash balances), and has spent a total of \$7,970,262 on PFC-approved projects on a pay-as-you-go basis.

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## **Proposed Changes to the Existing and New projects in the PFC Program**

The City proposes to amend existing projects to the PFC Program as follows:

1. **Airfield Pavement Rehabilitation Runway 12/30**
  - Increase funding and add debt service costs for Taxiway D, B and A rehabilitation
2. **Airfield Pavement Additional Projects**
  - Increase PFC funding, add debt service costs and adjust scope for the following projects:
    - Taxiway D (SE)
    - Islands Between the Air Carrier Ramp and Taxiway C
    - Taxiway C
    - Taxilane J
  - Add debt service costs for the following projects:
    - Taxiway J rehabilitation
    - Construction of apron / Concrete pads (Phase 1A and 1B)
  - Decrease the amount of PFC collected for Taxiways F & B and Incursion Prevention Measures
  - Delete the Safety Area Stabilization project element
3. **Airport Security – Security System Upgrade**
  - Add debt service costs for Security System Upgrade
4. **Terminal Area Improvements**
  - Add debt service costs for Installation of Terminal Signs
5. **Aircraft Rescue and Firefighting**
  - No Change

The City proposes to add new projects to the PFC Program as follows:

6. **Airfield Pavement and Infrastructure**
  - Add funding and debt service costs for:
    - Taxiway K Rehabilitation
    - Taxiway L Rehabilitation
    - Taxilane K Rehabilitation
    - Taxiways B, D, G, K, and J and Runway 7R/25L Slurry Seal and Crack Seal
7. **Airport Safeties and Security**
  - Add funding for:
    - Airfield Fencing Enhancements
    - Aircraft Rescue and Firefighting (ARFF) vehicles (PFCs to fund the Airport's match)
    - Purchase of 2 boarding ramps to facilitate accessibility for disabled passengers

The proposed revised PFC program is summarized in Table 1 (page 5).

**PFC Level, Proposed Charge Effective Date, Estimated Charge Expiration Date, and Estimated Total PFC Revenue**

***PFC Level:*** \$3.00 per eligible enplaned passenger for each PFC project. The \$3.00 PFC level went into effect on August 1, 2003.

***Charge effective date for PFC Application #03-02-C-00-LGB:*** August 1, 2003.

***Estimated charge expiration date for PFC Application #03-02-C-00-LGB:*** June 30, 2018

***Estimated charge effective date for new PFC Application #05-03-C-00-LGB:*** July 1, 2018

***Estimated charge expiration date for new PFC Application #05-03-C-00-LGB:*** October 30, 2022

***Estimated PFC revenue to be collected under amended PFC Application #03-02-C-00-LGB:*** \$ 67,444,648

***Estimated PFC revenue to be collected under new PFC application #05-03-C-00-LGB:*** \$ 16,001,095




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Table 1

**PFC Project Funding  
Long Beach Municipal Airport Daugherty Field**

	PFC Project	APRIL 2003 FINAL AGENCY DECISION					PROPOSED PFC AMENDMENT						
		PFC Pay-Go	Total Other Funding	Total Funding	Total Project Budget		Additional PFC Funding	Revised PFC Principal	Financing and Interest	Total PFC Funding	Total Other Funding	Total Capital Funding	Total Project Cost
1	Airfield Pavement Rehabilitation Runway 12/30	\$ 8,690,000	\$ 21,600,000	\$ 30,290,000	\$ 30,290,000		\$ 2,320,000	\$ 11,010,000	\$ 4,945,823	\$ 15,955,823	\$ 21,600,000	\$ 32,610,000	\$ 32,610,000
2	Airfield Pavement Additional Projects	\$ 16,581,634	\$ 5,322,340	\$ 21,903,974	\$ 21,903,974		\$ 10,200,000	\$ 26,781,634	\$ 16,829,024	\$ 43,610,658	\$ 5,322,340	\$ 32,103,974	\$ 32,103,974
3	Airport Security - Security System Upgrade	\$ 2,065,350	\$ 1,644,650	\$ 3,710,000	\$ 3,710,000		\$ -	\$ 2,065,350	\$ 1,381,094	\$ 3,446,444	\$ 1,644,650	\$ 3,710,000	\$ 3,710,000
4	Terminal Area Improvements <i>Installation of terminal signs</i> <i>Flight Information Display System</i>	\$ 2,500,000 	\$ -	\$ 2,500,000	\$ 2,500,000		\$ -	\$ 2,500,000	\$ 1,461,722	\$ 3,961,722	\$ -	\$ 2,500,000	\$ 2,500,000
		\$ 2,000,000 	\$ -	\$ 2,000,000	\$ 2,000,000		\$ -	\$ 2,000,000	\$ 1,461,722	\$ 3,461,722	\$ -	\$ 2,000,000	\$ 2,000,000
		\$ 500,000	\$ -	\$ 500,000	\$ 500,000		\$ -	\$ 500,000	\$ -	\$ 500,000	\$ -	\$ 500,000	\$ 500,000
	<b>Sub Total</b>	\$ 2,500,000	\$ -	\$ 2,500,000	\$ 2,500,000		\$ -	\$ 2,500,000	\$ 1,461,722	\$ 3,961,722	\$ -	\$ 2,500,000	\$ 2,500,000
5	Aircraft Rescue and Firefighting	\$ 470,000 	\$ 370,000	\$ 840,000	\$ 840,000		\$ -	\$ 470,000	\$ -	\$ 470,000	\$ 370,000	\$ 840,000	\$ 840,000
TOTAL PFC AMENDMENT		\$ 30,306,984	\$ 28,936,990	\$ 59,243,974	\$ 59,243,974		\$ 12,520,000	\$ 42,826,984	\$ 24,617,664	\$ 67,444,648	\$ 28,936,990	\$ 71,763,974	\$ 71,763,974
NEW APPLICATION													
6	Airfield Pavement and Infrastructure	\$ 8,975,000	\$ 8,975,000	\$ 6,559,478	\$ 15,534,478		\$ 8,975,000	\$ 8,975,000	\$ 6,559,478	\$ 15,534,478	\$ 41,325,000	\$ 50,300,000	\$ 50,300,000
7	Airport Safety and Security	\$ 466,617	\$ 466,617	\$ -	\$ 466,617		\$ 466,617	\$ 466,617	\$ -	\$ 466,617	\$ 2,025,723	\$ 2,492,340	\$ 2,492,340
TOTAL NEW PFC APPLICATION		\$ 9,441,617	\$ 9,441,617	\$ 6,559,478	\$ 16,001,095		\$ 9,441,617	\$ 9,441,617	\$ 6,559,478	\$ 16,001,095	\$ 43,350,723	\$ 52,792,340	\$ 52,792,340
TOTAL PFC AMENDED AND NEW		\$ 30,306,984	\$ 28,936,990	\$ 59,243,974	\$ 59,243,974		\$ 21,961,617	\$ 52,268,601	\$ 31,177,142	\$ 83,445,743	\$ 72,287,713	\$ 124,556,314	\$ 124,556,314

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**Attachment A**

**DESCRIPTION OF EXISTING PROJECTS PROPOSED TO BE  
AMENDED TO THE PFC PROGRAM**

**Long Beach Municipal Airport (Daugherty Field)**

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**PROJECT CATEGORY**  
**Airfield Pavement Rehabilitation Runway 12/30**

**PROJECT DESCRIPTION**

**Rehabilitation of Taxiways D, A and B:** Add funding and debt service costs to complete the rehabilitation of 3 taxiways located at the northwest end of Runway 12/30. Originally, this project was scheduled to be part of the Runway 12/30 Rehabilitation, however, bid prices were too high, so the project was deferred. Increasing costs of construction will require additional funding to complete the rehabilitation of these 3 taxiway sections:

- Taxiway D, north of Runway 25R—1,450' x 75'
- Taxiway B, north of Runway 30—500' x 65'
- Taxiway A—2,600' x 75'

In some areas the existing pavement is over 40 years old and in poor condition. Rehabilitation will include reconstruction of the pavement structural section and asphalt overlays, shoulder improvements, replacement of lighting and signage, drainage improvements and safety area improvements. These taxiways provide access to the northwest end of the Airport's primary air carrier runways. These improvements will enhance safety and prolong the useful life of these taxiways.

**Estimated Year of Construction: 2006**

Estimated Design and Construction Cost:	\$ 6,860,000
Currently approved PFC funding:	\$ 4,540,000
Additional PFC funding required:	\$ 2,320,000
Estimated Debt Service Costs:	\$ 4,945,823
<b>Total Additional PFC:</b>	<b>\$ 7,265,823</b>

**Total Amended PFC: \$11,805,823**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

The following projects, originally approved in PFC application No. 03-02-C-00-LGB, are still included with no changes proposed to the project or funding:

**Rehabilitation of Runway 12/30 (includes Taxiway L (3)):**

Currently approved PFC funded amount:	\$ 3,000,000
<b>Total PFC:</b>	<b>\$ 3,000,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Installation of Airfield Lighting:**

Currently approved PFC funded amount:	\$ 650,000
<b>Total PFC:</b>	<b>\$ 650,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Relocation of Service Road:**

Currently approved PFC funded amount:	\$ 500,000
<b>Total PFC:</b>	<b>\$ 500,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)



**PROJECT CATEGORY**  
**Airfield Pavement Additional Projects**

PROJECT DESCRIPTIONS

**Taxiway D (SE):** Add funding and debt service costs to complete an asphalt overlay of approximately 2,900' x 75' of pavement between D1 and D3. This pavement was rehabilitated in 2001. In recent months the top layer of asphalt is showing signs of delamination. This project will remove and replace this failing pavement layer. Taxiway D provides an alternate route to Runway 12/30 for the air carriers and is also used by Fed Ex and Airborne to access Runway 12/30.

**Estimated Year of Construction: 2007**

Estimated Design & Construction:	\$ 2,524,530
Currently approved PFC Funding:	\$ 524,530
Additional PFC Funding Required:	\$ 2,000,000
Estimated Debt Service Costs:	\$ 1,471,781
<b>Total Additional PFC</b>	<b>\$ 3,471,781</b>

**Total Amended PFC: \$ 3,996,311**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Islands Between the Air Carrier Ramp and Taxiway C:** Pave existing islands between the air carrier ramp and Taxiway C to full-strength pavement. This paving will enhance safety by improving the movement of taxiing aircraft to/from air carrier parking positions. The project will pave approximately 70,000 SF of area that is currently dust cover. The project was in the original PFC application, but increasing construction costs require an increase in PFC allocated to this project.

**Estimated Year of Construction: 2006**

Estimated Design & Construction:	\$ 4,150,000
Currently approved PFC Funding:	\$ 1,500,000
Additional PFC Funding Required:	\$ 2,650,000
Estimated Debt Service Costs:	\$ 2,696,944
<b>Total Additional PFC:</b>	<b>\$ 5,346,944</b>

**Total Amended PFC: \$ 6,846,944**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Taxiway C:** This project is being expanded to include Taxiway C north of Taxiway G, as well as Taxiway G between Runway 16L/34R and Taxiway C. The original project included 1,400' x 75' of pavement. The proposed change would add approximately 1,200' x 75' of pavement rehabilitation to the project. Pavement Condition Indexes (PCI) for Taxiway C average 55 – 56

PCI, and recent geotechnical surveys indicate that the Taxiway is in need of rehabilitation. Taxiway C is the taxiway bordering, and giving access to, the air carrier ramp. Rehabilitation will enhance safety.

Estimated Year of Construction: 2006 and 2007

Estimated Design & Construction:	\$ 9,150,000
Currently approved PFC Funding:	\$ 1,700,000
Additional PFC Funding Required:	\$ 7,450,000
Estimated Debt Service Costs:	\$ 6,687,379
<b>Total Additional PFC:</b>	<b>\$14,137,379</b>

**Total Amended PFC: \$15,837,379**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Taxilane J:** This project is being expanded to include the entire length of Taxilane J. The original project included 500' x 50' of Taxilane J. The proposed change will approximately double the project. The pavement is in very poor condition and, due to the close proximity of helicopter operations, results in a significant amount of FOD. Rehabilitation will enhance safety.

Estimated Year of Construction: 2008

Estimated Design & Construction:	\$ 2,050,000
Currently approved PFC Funding:	\$ 1,150,000
Additional PFC Funding Required:	\$ 900,000
Estimated Debt Service Costs:	\$ 1,497,627
<b>Total Additional PFC:</b>	<b>\$ 2,397,627</b>

**Total Amended PFC: \$ 3,547,627**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Taxiway J Rehabilitation:** The City proposes to add debt service costs to the PFC funding originally approved in PFC application No. 03-02-C-00-LGB for this project.

**Estimated Year of Construction: 2008**

Currently approved PFC Funding:	\$ 2,800,000
Additional PFC Funding Required:	\$ 0
Estimated Debt Service Costs:	\$ 2,046,411
<b>Total Additional PFC:</b>	<b>\$ 2,046,411</b>

**Total Amended PFC: \$ 4,846,411**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Construction of Apron / Concrete Pads (Phase 1A and 1B):** The City proposes to add debt service costs to the PFC funding originally approved in PFC application No. 03-02-C-00-LGB for this project.

**Estimated Year of Construction: 2007**

Currently approved PFC Funding:	\$ 3,604,604
Additional PFC Funding Required:	\$ 0
Estimated Debt Service Costs:	\$ 2,428,882
<b>Total Additional PFC:</b>	<b>\$ 2,428,882</b>

**Total Amended PFC: \$ 6,033,486**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Safety Area Stabilization:** The City proposes to delete this project. Safety area stabilization will be included with pavement rehabilitation projects, as appropriate. Resulting decrease in PFC collection is \$2,000,000.

Decrease PFC funding by:	\$ 2,000,000
Currently approved PFC funded amount:	\$ 2,000,000
<b>Total Amended PFC:</b>	<b>\$ 0</b>

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**Taxiway F&B and Incursion Prevention Measures:** The City proposes to decrease the amount of PFC funding to be collected for this project. Estimates for the work were greater than the actual costs. Reduction in PFC collection is \$800,000.

Decrease PFC funding by:	\$ 800,000
Currently approved PFC funded amount:	\$ 2,850,000
<b>Total Amended PFC:</b>	<b>\$ 2,050,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

The following projects, originally approved in PFC application No. 03-02-C-00-LGB, are still included with no changes proposed to the project or funding:

**Rehabilitation of access road (eastside):**

Currently approved PFC funded amount:	\$ 375,000
<b>Total PFC:</b>	<b>\$ 375,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**J-2 Extension:**

Currently approved PFC funded amount:	\$ 77,500
<b>Total PFC:</b>	<b>\$ 77,500</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**PROJECT CATEGORY**  
**Airport Security-Security System Upgrade**

**PROJECT DESCRIPTIONS**

**Airport Security-Security System Upgrade:** The City proposes to add debt service costs to the PFC funding, originally approved in PFC application No. 03-02-C-00-LGB, for this project.

Estimated Year of Construction: 2006

Currently approved PFC Funding:	\$ 2,065,350
Additional PFC Funding Required:	\$ 0
Estimated Debt Service Costs:	\$ 1,381,094
<b>Total Additional PFC:</b>	<b>\$ 1,381,094</b>

**Total Amended PFC:** **\$ 3,446,444**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**PROJECT CATEGORY**  
**Terminal Area Improvements**

**PROJECT DESCRIPTIONS**

**Installation of Terminal Signs:** The City proposes to add debt service costs to the PFC funding, originally approved in PFC application No. 03-02-C-00-LGB, for this project.

Estimated Year of Construction: 2007 and 2008

Currently approved PFC Funding:	\$ 2,000,000
Additional PFC Funding Required:	\$ 0
Estimated Debt Service Costs:	\$ 1,461,722
<b>Total Additional PFC:</b>	<b>\$ 1,461,722</b>

**Total Amended PFC:** **\$ 3,461,722**

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

The following project, originally approved in PFC application No. 03-02-C-00-LGB, is still included with no changes proposed to the project or funding:

**Flight Information Display System:**

Currently approved PFC funded amount:	\$ 500,000
<b>Total PFC:</b>	<b>\$ 500,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**PROJECT CATEGORY**  
**Aircraft Rescue and Firefighting**

**PROJECT DESCRIPTIONS**

The following project, originally approved in PFC application No. 03-02-C-00-LGB, is still included with no changes proposed to the project or funding:

**Aircraft Rescue and Firefighting:**

Currently approved PFC funded amount:	\$ 470,000
<b>Total PFC:</b>	<b>\$ 470,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Attachment B**

**DESCRIPTION OF NEW PROJECTS PROPOSED TO BE  
ADDED TO THE PFC PROGRAM**

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**PROJECT CATEGORY**  
**Airfield Pavement and Infrastructure**

PROJECT DESCRIPTIONS

**Taxiway K Rehabilitation:** Rehabilitate 4,600' x 75' of asphalt pavement, improve associated shoulders and safety areas, replace associated lighting and signage, and provide drainage improvements, as required. Taxiway K was constructed in 1971 and is showing major signs of pavement distress. Taxiway K is planned to be included in the Airport's FY07 and FY08 grant applications for AIP funding. PFC funding is sought to cover the Airport's match to the AIP grants. Taxiway K is the primary route for landing aircraft to reach the air carrier and UPS ramps and is the only access route for aircraft departing on Runway 25R, the Airport's alternate air carrier runway. Rehabilitation of this key taxiway will enhance safety, and ensure this vital taxiway remains in service.

**Estimated Year of Construction: 2007**

Estimated Design & Construction:	\$19,200,000
Portion to be PFC Funded (Airport's Match):	\$ 960,000
Estimated Debt Service Costs:	\$ 701,627
<b>Total PFC:</b>	<b>\$ 1,661,627</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Taxilane K Rehabilitation:** Rehabilitate 1,400' x 65' of asphalt pavement, improve associated shoulders, and provide drainage improvements, as required. Taxilane K is showing major signs of pavement distress and is producing significant FOD. The Airport plans to use this taxilane rehabilitation as a trial project for use of rubberized asphalt on the airfield. Rubberized asphalt has been used on City streets for over 10 years and prolongs the life of the pavement and improves durability in areas of poor subgrade. The majority of the soil underlying pavements at the Long Beach Airport are weak and the use of the rubberized asphalt may help to alleviate some of the maintenance issues associated with poor subgrades.

**Estimated Year of Construction: 2007**

Estimated Design & Construction:	\$ 4,000,000
Portion to be PFC Funded:	\$ 4,000,000
Estimated Debt Service Costs:	\$ 2,923,444
<b>Total PFC:</b>	<b>\$ 6,923,444</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Taxiway L Rehabilitation:** Rehabilitate 3,500' x 75' of asphalt pavement, improve associated shoulders and safety areas, replace associated lighting and signage, and drainage improvements, as required. Taxiway L was constructed in 1974 and 1978 and is showing significant pavement distress. Taxiway L was included in the Airport's FY05 AIP grant and will

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be included in the FY06 AIP grant as well. PFC funding is sought to cover the Airport's match to the AIP grants.

Taxiway L is the primary route for departing commercial aircraft to reach the end of Runway 12/30. Rehabilitation of this key taxiway will enhance safety and ensure that this vital taxiway remains in service.

*Estimated Year of Construction: 2006*

Estimated Design & Construction:	\$24,300,000
Portion to be PFC Funded (Airport's Match):	\$ 1,215,000
Estimated Debt Service Costs:	\$ 887,996
<b>Total PFC:</b>	<b>\$ 2,102,996</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**Taxiways B, D, G, K, and J and Runway 7R-25L Slurry Seal and Crack Seal:** Slurry 1,300,000 SF of asphalt pavement on Taxiways B, G, K, and J. Slurry sealing will be preceded with crack sealing as necessary. Crack sealing only will be performed for Taxiway D and Runway 7R/25L. Slurry and crack sealing will prolong the useful life of these pavements and reduce FOD.

*Estimated Year of Construction: 2006*

Estimated Design & Construction:	\$ 2,800,000
Portion to be PFC Funded:	\$ 2,800,000
Estimated Debt Service Costs:	\$ 2,046,411
<b>Total PFC:</b>	<b>\$ 4,846,411</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)

**PROJECT CATEGORY**  
**Airport Safety and Security**

PROJECT DESCRIPTIONS

**Airfield Fencing:** Install 7,200 linear feet of new security fencing around the perimeter of the airfield. Replacement of the existing fencing will enhance safety.

Estimated Year of Construction: 2006

Estimated Design and Construction:                      \$ 300,000

Portion to be PFC funded:                                      \$ 300,000

**Total PFC:**    **\$ 300,000**

**PFC Level:**                      \$3.00 per eligible enplaned passenger  
(impose and use project)

**Aircraft Rescue and Firefighting (ARFF) Vehicles:** The FAA has recommended that the Airport replace all three ARFF vehicles due to their age and condition. PFC funds have been used to partially fund the purchase of one 3,000-gallon ARFF vehicle. A second 3,000-gallon vehicle is being funded by AIP-26. The Rapid Response Vehicle is scheduled to be included in the Airport's FY06 grant application. Additional PFC funding is being sought to cover the Airport's match on the purchase of these two vehicles. Complete replacement of the Airport's ARFF fleet will enhance safety, and ensure that the Airport will not fall below index should one vehicle go out of service.

Estimated Year of Acquisition: 2006

Estimated Acquisition Costs:                                      \$ 2,132,340

Portion to be PFC Funded (Airport's Match):                      \$ 106,617

**Total PFC:**    **\$ 106,617**

**PFC Level:**                      \$3.00 per eligible enplaned passenger  
(impose and use project)

**Accessibility Equipment:** The Airline Managers' Operating Committee has requested that the Airport acquire 2 Turboway non-motorized passenger boarding ramps to facilitate boarding of disabled and mobility-limited passengers. One ramp will be sized to service aircraft ranging from a Boeing B717 to a Boeing B757-200 aircraft. The second ramp will service aircraft from a Beech B1900 to Regional Jets. These boarding devices enhance safety for both boarding passengers and airline employees.

**Estimated Year of Acquisition: 2006**

Estimated Acquisition Costs:	\$ 60,000
Portion to be PFC funded:	\$ 60,000
<b>Total PFC:</b>	<b>\$ 60,000</b>

**PFC Level:** \$3.00 per eligible enplaned passenger  
(impose and use project)